

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL  
FIELD NOTES

OF

THE DEPENDENT RESURVEY OF  
A PORTION OF THE WEST BOUNDARY,  
(PINE VALLEY GUIDE MERIDIAN)  
A PORTION OF THE SUBDIVISIONAL LINES,

AND

THE SUBDIVISION OF SECTIONS  
20 AND 30

IN

**TOWNSHIP 36 SOUTH RANGE 15 WEST**

OF THE SALT LAKE MERIDIAN  
IN THE STATE OF UTAH

EXECUTED BY

**Larry V. Judd**  
**Cadastral Surveyor**

Under special instructions dated **March 15, 2004**, approved **March 15, 2004**, which provided for the surveys included under Group Number **978**, and assignment instructions dated **March 15, 2004**

Survey commenced **March 15, 2004**  
Survey completed **April 14, 2004**

# INDEX DIAGRAM

Township 36 South, Range 15 West

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## TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH.

The following field notes are those of the dependent resurvey of a portion the west boundary (Pine Valley Guide Meridian), a portion of the subdivisional lines, and the subdivision of sections 20 and 30, in T. 36 S., R. 15 W., Salt Lake Meridian, Utah.

Surveyed by		History of Surveys		Retr. or Resurveyed by	
<b>SOUTH BOUNDARY</b>					
Portion	A.J. Stewart Jr.	1874			
Portion	T.C. Bailey	1881			
Portion			F.T. Roberts		1909
Portion			A. Nelson		1939
Remonumentation			A. Nelson		1961
Remonumentation			G.E. Reynolds		1975
<b>EAST BOUNDARY</b>					
Portion	A.J. Stewart Jr.	1873			
Portion	F.T. Roberts	1909			
<b>WEST BOUNDARY (Pine Valley Guide Meridian)</b>					
All	T.C. Bailey	1881			
All			M.H. Dalley		1899
Remonumentation			F.D. Reynolds		1968
<b>NORTH BOUNDARY (Seventh Standard Parallel South)</b>					
All	C.L. Ericzon	1875			
Portion			T.C. Bailey		1881
<b>SUBDIVISION</b>					
Portion	A.J. Stewart Jr.	1874			
Portion	F.T. Roberts	1909	F.T. Roberts		1909
Remonumentation			F.D. Reynolds		1968

The Iron County Surveyor has Corner Perpetuation and Filing Records for certain corners within the township on file in the Iron County Engineers Office.

**PRIVATE SURVEYS**

A survey was executed by Ralph Platt in sections 16 and 21 with plat dated March 1978.

A survey was executed by Neil Rhodes of Bulloch Brothers Engineering in the NW 1/4 of section 20, with plat dated 4/24/91.

A survey was executed by Robert Platt of Platt and Platt Inc. in the SW 1/4 of section 20, with plat dated January 1994.

After a discussion with Mr. Platt it was determined that the procedure used by Platt and Platt Inc. to establish the position for the E 1/4 section corner of section 20 was incorrect. Because of this, I am not in agreement with the locations of the interior subdivisional corners of section 20 as set by Platt and Platt; and therefore will not accept their monuments. All corners tied are described within the body of these notes.

## TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

## CHAINS

This survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 978, dated March 15, 2004.

The direction of the lines was determined by references to true meridians, established by the Global Positioning System (GPS) utilizing Real-Time Kinematic (RTK) techniques throughout the survey. Trimble model 5700 GPS receivers were used for field collection. Cadastral Measurement Management (CMM) software was the primary software utilized for project calculations.

Preliminary to the resurvey, the lines of prior surveys were retraced and searches were made for all corners and other calls of record. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data was thoroughly verified and only the true line field notes are given herein.

Geodetic control was derived from National Geodetic Survey Cooperative Base Network Control Station "IRON SPRING", with the published data as follows:

Latitude: 37°44'39.12892" N. Longitude: 113°13'52.27941" W.  
N.A.D. 1983 (1994), N.A.V.D. 1988, Elevation 5487 ft.

The geographic position of the 1/4 section corner of section 33 only, Township 36 South, Range 15 West, as determined by a tie made to National Geodetic Survey Cooperative Base Network Control Station "IRON SPRING" is as follows:

Latitude: 37°37'32.484" N. Longitude: 112°32'56.583" W.  
N.A.D. 1983.

Note: The establishment of a road along with the cultivation of fields adjacent to the road situated on a large portion of the west boundary of the township has resulted in the apparent destruction and removal of several 1/4 and section corners. These corners were set during the execution of surveys by M.H. Dalley in 1899 and F.T. Roberts in 1909. Thorough searches were made along the west boundary of the township for any evidence of the original surveys before any determination was made to the methods and procedures used in establishing new monumentation on this boundary.

## TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

## CHAINS

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Dependent Resurvey of a Portion of the West Boundary  
(Pine Valley Guide Meridian)  
T. 36 S., R. 15 W., Salt Lake Meridian, Utah.

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Reestablishment of the Survey Executed by T.C. Bailey in 1881,  
and the Resurvey Executed by M.H. Dalley in 1899.

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Beginning at the corner of sections 25 and 36 only, Township 36 South Range 16 West, monumented with a sandstone, 18x8x6 inches, plainly marked with 1 notch on the south and 5 notches on the north edges, with a cross (X) chiseled on top of the stone.

At the corner point

Set an aluminum post 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with the aluminum cap marked:

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      T36S
R16W|R15W
  S25|
  S36|
    2004

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Deposited the marked stone alongside the aluminum post.

Deposited a magnet enclosed in an orange plastic case at the base of the aluminum post.

Raise a mound of stone, 4 ft. by 3 ft. base by 1 ft. high, west of the aluminum post.

Corner falls 2 feet east of a fence line, projecting north and south, on a rocky southwest slope.

N. 0° 05.6' E., on the east boundary of section 25, T. 36 S., R. 16 W.

**40.199** Point for the 1/4 section corner of section 25 only, T. 36 S., R. 16 W., at proportionate distance. No remaining evidence of the original iron post monument was found. The corner point falls within a utility corridor, cleared of vegetation.

Set an aluminum post 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with the aluminum cap marked:

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      T36S
R16W|R15W
  1/4|
  S25|
    2004

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DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY  
(PINE VALLEY GUIDE MERIDIAN)

TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Deposited a magnet enclosed in a clear plastic case at the base of the aluminum post.

Corner falls in a fence, projecting north and south, within a utility corridor, 100 feet wide, bears N. 34° E., and S. 34° W.

**74.488** The closing corner of sections 30 and 31, hereinafter described.

**80.398** The corner of sections 24 and 25 only, T. 36 S., R. 16 W., monumented with an Iron County survey monument, an iron post, 2 1/2 inches diameter, firmly set, with the brass cap marked: LS 4501, S24 S25 S30, 1997. This monument is accepted as the best available evidence of the position of the original marked stone.

Buried alongside the iron post a sandstone, 10x5x5 inches, plainly marked with 3 grooves on one edge and one groove on another, (record 4 grooves on the north edge and 2 grooves on the south edge.)

Corner falls on flat ground in a fence line bearing north and south.

N. 0° 04.9' E., on the east boundary of section 24, T. 36 S., R. 16 W.

**14.138** Point for the S 1/16 section corner of section 30 only.

Set a stainless steel post 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with the brass cap marked:

S 1/16  
S30  
2004

Deposited a magnet enclosed in an orange plastic case at the base of the stainless steel post.

Corner falls on the north side of an H-brace, the north post of a gate to the south in a fence line bearing north and south.

**34.186** Point for the 1/4 section corner of section 30 only.

Set a stainless steel post 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with the brass cap marked:

T36S  
R16W | R15W  
1/4  
S30  
2004

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY  
(PINE VALLEY GUIDE MERIDIAN)

TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Deposited a magnet enclosed in an orange plastic case at the base of the stainless steel post.

Raise a mound of stone, 2 ft. by 2 ft. base by 1 ft. high, west of the stainless steel post.

Corner falls 1 foot south of the corner of fences projecting north, south, and west.

- 40.223 The 1/4 section corner of section 24 only, monumented with a sandstone 14x12x8 inches, firmly set, plainly marked 1/4 on the west face.

At the corner point

Set an aluminum post 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with the aluminum cap marked:

T36S  
R16W | R15W  
1/4 |  
S24 |  
2004

Deposited the marked stone alongside the aluminum post.

Deposited a magnet enclosed in an orange plastic case at the base of the aluminum post.

Corner falls 0.5 feet west of a fence, bears north and south, on flat ground in scattered sagebrush and grass.

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N. 0° 05.2' E., beginning new measurement.

- 14.011 Point for the N 1/16 section corner of section 30 only, not monumented.

- 34.059 The closing corner of sections 19 and 30, hereinafter described.

- 40.199 The corner of sections 13 and 24 only, T. 36 S., R. 16 W., at the corner of old fences, projecting north and south with the mean projection of a fence line to the west. No remaining evidence of the original marked stone was found. The intersection of fences is accepted as the best available evidence of the position of the original section corner.

At the corner point

Set a stainless steel post 30 inches long, 2 1/2 inches diameter, 28 inches in the ground, with the brass cap marked:

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY  
(PINE VALLEY GUIDE MERIDIAN)  
TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

## CHAINS

	T36S	
R16W		R15W
	S13	
	S24	
	2004	

Deposited a magnet enclosed in an orange plastic case at the base of the stainless steel post.

Corner falls in a north-south fence, in a gate between fields.

From this corner the following tie was made for verification of the acceptance of fences for the corner of sections 13 and 24. The closing corner of sections 7 and 18, monumented with an iron post, 2 inches diameter, firmly set, projecting 18 inches above ground, with the brass cap marked as described in the official record of the survey executed by F.T. Roberts in 1909 bears, N. 0°05.1' E., 154.316 chains distance. The intervening 1/4 section and section corners set during the execution of the 1889 and 1909 surveys were searched for with none found. (See note: Page No. 2)

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Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 36 S., R. 15 W., Salt Lake Meridian, Utah.

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Reestablishment of the Survey Executed by  
F.T. Roberts in 1909.

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From the 1/4 section corner of section 33 only, monumented with an iron post, 1 inch diameter, firmly set, projecting 20 inches above the ground, with the brass cap marked common for sections 32 and 33, as described in the official record of the survey executed by F.T. Roberts in 1909. This corner functions for the 1/4 section corner of section 33 only. Removed the S32 marks and added the date 2004 to the brass cap. Raise a mound of stone, 4 ft. base, around the iron post to top of brass cap.

N. 0° 06.7' W., on the west boundary of section 33.

**38.951** True point for the closing corner of sections 29 and 32, hereinafter described.

**40.055** The corner of sections 28 and 33 only, monumented with an iron post, 2 inches diameter, loosely set in a mound of stone with the brass cap marked as described in the official record of the survey executed by F.T. Roberts in 1909.

from which

A juniper 12 ins. diam., with scribe marks visible on an open blaze, bears N. 65° E., 65 links distance.



DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

A piñon 24 ins. diam., dead and standing with scribe marks visible on an open blaze, bears S. 35° E., 80 links distance.

Raise a mound of stone, 5 ft. by 4 ft. base around the iron post.

The corner is located on a rocky northwest slope in piñon and juniper growth.

N. 0° 00.7' E., on the west boundary of section 28.

**39.010** Point for the 1/4 section corner of section 29 only.

Set an aluminum post 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with the aluminum cap marked:

T36SR15W  
1/4 |  
S29 |  
2004

Deposited a magnet enclosed in an orange plastic case at the base of the aluminum post.

Raise a mound of stone, 2 ft. by 2 ft. base by 1 ft. high, west of the aluminum post.

Corner falls on a moderate east slope in juniper and piñon growth.

**39.717** The 1/4 section corner of section 28 only, monumented with an iron post 1 inch diameter, firmly set, projecting 14 inches above the ground, with the brass cap marked common for both sections 28 and 29 as described in the official record of the survey executed by F.T. Roberts in 1909. This corner functions only for the 1/4 section corner of section 28. Removed the S29 marks and added the date 2004 to the brass cap.

from which

A juniper 12 ins. diam., with scribe marks visible on a partially healed blaze, bears N. 32°30' E., 60 links distance. (Record 54 links)

A juniper 16 ins. diam., with scribe marks visible on a partially healed blaze, bears N. 14° W., 88 links distance. (Record 85 links)

Raise a small mound of stone alongside the iron post.

Corner falls on a gradual east slope, among piñon and juniper growth.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

N.  $0^{\circ} 01.8'$  E., beginning new measurement.

39.407 The closing corner of sections 20 and 29, hereinafter described.

40.275 The corner of sections 21 and 28 only, monumented with a granite stone 16x9x7 inches, firmly set, plainly marked with 4 notches on the east edge and 2 notches on the south edge.

from which

A piñon 18 ins. diam., with a scar still visible through a mostly healed blaze bears, S.  $85^{\circ}$  W., 74.2 links distance.  
(Record S.  $75^{\circ}$  E., 100 links distance)

A piñon 16 ins. diam., with scribe marks removed on an open blaze bears, S.  $30^{\circ}$  W., 54 links distance.  
(Record S.  $29^{\circ}$  W., 60 links distance)

The NE bearing tree a piñon, 12 ins. diam., was found down, dead and rotting with scribe marks visible. Not measured.

No remains of the NW bearing tree were found.

At the corner point

Set a stainless steel post 30 inches long, 2 1/2 inches diameter, 6 inches in the ground to bedrock, and in a mound of stone, 5 feet base to top of the brass cap marked:

T36SR15W  
|  
S21  
|  
S28  
2004

Deposited the marked stone alongside the stainless steel post.

Deposited a magnet enclosed in an orange plastic case at the base of the stainless steel post.

Corner falls on top of ridge on a gradual rocky south slope.

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Reestablishment of the Survey Executed by  
A.J. Stewart Jr. in 1874, and the Resurvey Executed by F.T.  
Roberts in 1909.

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N.  $0^{\circ} 13.2'$  W., on the west boundary of section 21.

19.158 Point for the S 1/16 section corner of section 20 only, not monumented.

39.184 Point for the 1/4 section corner for section 20 only.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Set an aluminum post 30 inches long, 2 1/2 inches diameter, 20 inches in the ground, in a mound of stone 3 ft. base to top of the aluminum cap marked:

T36SR15W  
1/4 |  
S20 |  
2004

Deposited a magnet enclosed in a clear plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls approximately 150 feet north of a wash draining N. 25° W., on a southwest facing slope among scattering piñon and juniper with sagebrush undergrowth.

40.564

The 1/4 section corner of section 21 only, monumented with a volcanic stone, 14x6x5 inches, firmly set in a mound of stone, plainly marked 1/4 on west side, with a steel fence post set alongside the marked stone.

At the corner point

Set a stainless steel post 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, with the brass cap marked:

T36SR15W  
1/4 |  
S21 |  
2004

Deposited the marked stone alongside the stainless steel post.

Deposited a magnet enclosed in a clear plastic case at the base of the stainless steel post.

Raise a small mound of stone alongside the stainless steel post.

Corner falls on a west facing slope among scattering piñon with sagebrush undergrowth.

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N. 0° 24.1' W., beginning new measurement.

38.673

True point for the closing corner of sections 17 and 20, not monumented.

From this point, the monumented closing corner of sections 17 and 20, monumented with a spike set flush with the surface of the New Castle Main Street, bears N. 89° 53.8' W., 1.42 links distance. **NOTE:** In 1978, Iron County Surveyor Ralph Platt located the original GLO iron post monument for the closing corner of sections 17 and 20, 18 inches below the surface of the road. At this time he perpetuated the position on the

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

surface of the road by setting a spike directly over the center of the iron post.

The Iron County Surveyors Office has a Corner Perpetuation and Filing Record on file in the Iron County Engineers Office, dated December 1, 1978.

The original iron post closing corner monument was not dug up during the execution of this survey.

From the monumented closing corner, a reference monument, monumented with an Iron County Survey Monument, an aluminum post, 2 inches diameter set in a concrete pillar, with the aluminum cap marked: 1093 17 20 R.P. 41.25 1978 with a line and arrow pointing toward true position bears S. 89° 55.3' W., 41.33 feet distance.

From the true closing corner point, the 1/4 section corner of sections 17 and 20, monumented with a rebar, 5/8 inch diameter, without identifying cap, set 4 inches below the surface of a road, bears N. 89° 53.8' W., 36.634 chains distance. The rebar is set directly over the original GLO iron post which is set 18 inches below ground, bent over at a 90 degree angle to the east, with the original brass cap missing.

Due to the condition of the original G.L.O. monument which was bent and in a bad state of decay with the brass cap missing, it was determined necessary to remove the iron post, and re-monument the corner point.

At the corner point

Set an aluminum post 30 inches long, 2 1/2 inches diameter, 6 inches below the road surface, with the aluminum cap marked:

T36SR15W  
S17  
1/4 —  
S20  
2004

Deposited the 5/8 inch rebar inside the aluminum post.

Deposited a magnet enclosed in a clear plastic case at the base of the aluminum post.

Corner falls 6 feet north of the south edge of the paved road 28 feet wide, bears east and west.

40.722

The corner of sections 16 and 21 only, monumented with a spike set flush with the surface of road. **NOTE:** In 1978, Iron County Surveyor Ralph Platt located the original GLO iron post monument for the corner of sections 16 and 21, 18 inches below the surface of the road. At this time he perpetuated the position on the surface of the road by setting a spike directly over the center of the iron post.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

The Iron County Surveyors Office has a Corner Perpetuation and Filing Record on file in the Iron County Engineers Office, dated December 1, 1978.

The original iron post monument was not dug up during the execution of this survey.

From this corner, National Geodetic Survey Cooperative Base Network Station "IRON SPRING", monumented with a standard disk set in a rock outcrop with the disk stamped IRON SPRING 1938, bears N.  $71^{\circ} 54' 51''$  E., forward bearing and S.  $72^{\circ} 06' 31''$  W., back bearing for 1465.901 chains distance.

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Reestablishment of the Survey Executed by  
F.T. Roberts in 1909.

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From the corner of sections 29, 30, 31, and 32, monumented with a iron post 2 inches diameter, loosely set, projecting 20 inches above ground, with the brass cap marked as described in the official record of the survey executed by F.T. Roberts in 1909.

from which

A piñon 16 ins. diam., with scribe marks visible on a mostly healed blaze, bears S.  $25^{\circ}$  E., 72 links distance.

A piñon 10 ins. diam., scribed T36S R15W S30 BT, bears N.  $58^{\circ}$  W, 77 links distance.

No remaining evidence of the northeast or southwest bearing trees was found.

Raise a mound of stone, 3 ft. by 2 ft. base, and 1 ft. high around the iron post.

Corner falls on a gradual east slope in an old east and west four strand barbed wire fence.

N.  $89^{\circ} 59.6'$  E., between sections 29 and 32.

40.034

The  $1/4$  section corner of sections 29 and 32, monumented with a iron post, 1 inch diameter, firmly set in a small mound of stone, projecting 12 inches above the ground with the brass cap marked as described in the official record of the resurvey executed by F.T. Roberts in 1909.

from which

A juniper 24 ins. diam., with scribe marks visible on an open blaze bears, N.  $85^{\circ}$  E., 11 links distance.  
(Record N.  $72^{\circ}$  E.)

A juniper 16 ins. diam., with scribe marks visible on an open blaze bears, S.  $40^{\circ}$  W., 19 links distance.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Rebuilt the mound of stone around the iron post.

Corner falls on a spur ridge bearing northeast between two washes draining east and west and N. 65° W., and 3 feet south of a fence bearing east and west.

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N. 89° 50.5' E., beginning new measurement.

**37.091** True point for the closing corner of sections 29 and 32 at intersection with the west boundary of section 33, not monumented.

From this true point, the monumented closing corner of sections 29 and 32, monumented with an iron post, 2 inches diameter, firmly set in a mound of stone 4 foot base to top of the brass cap marked as described in the official record of the resurvey executed by F.T. Roberts in 1909, bears, N. 89° 50.5' E., 0.008 chains distance.

From this monument

A juniper 10 ins. diam., with scribe marks visible on an open blaze bears, S. 28° W., 106 links distance.  
(Record S. 21° W., 100 links)

A juniper 12 ins. diam., with scribe marks visible on a mostly healed blaze bears, N. 60° W., 24 links distance.

This monument will now function as an off line closing corner. Add the marks AM 2004 to the brass cap.

Set a steel fence post alongside the iron post

Corner falls on a south facing slope, 22 feet north of a fence bearing east and west, among piñon and juniper growth.

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From the corner of sections 29, 30, 31, and 32.

S. 89° 59.5' W., between sections 30 and 31.

**39.982** The 1/4 section corner of sections 30 and 31, monumented with an iron post 1 inch diameter, firmly set, projecting 20 inches above the ground, with the brass cap marked as described in the official record of the survey executed by F.T. Roberts in 1909.  
from which

A piñon 12 ins. diam., with faint scribe marks visible on a partially healed blaze bears, N. 40° W., 78 links distance.

No remaining evidence of the original SW bearing tree was found.

Corner falls on a gradual west slope in an east-west fence line, among scattering piñon and juniper growth.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

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N. 89° 55.1' W., beginning new measurement.

- 40.033** Point for the 80 1/16 section corner of sections 30 and 31, not monumented.
- 52.563** The closing corner of sections 30 and 31, at intersection with the east boundary of section 25, T. 36 S., R. 16 W., monumented with an iron post 2 inches diameter, firmly set, projecting 20 inches above the ground, with the brass cap marked as described in the official record of the survey executed by F.T. Roberts in 1909.

Set a steel fence post 0.5 ft. south of the iron post.

Corner falls on flat ground among scattering juniper with sagebrush undergrowth.

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From the corner of sections 29, 30, 31 and 32.

N. 0° 02.2' W., between sections 29 and 30.

- 40.081** The 1/4 section corner of sections 29 and 30, monumented with an iron post, 1 inch diameter, firmly set, projecting 12 inches above the ground with the brass cap marked as described in the official record of the survey executed by F.T. Roberts in 1909.

from which

A juniper limb 6 ins. diam., cut off at ground level, with no scribe marks visible bears, N. 31° E., 37 links distance.

A juniper 18 ins. diam., scribed 1/4 S30 BT on a partially healed blaze, bears S. 29° W., 76 links distance.  
(Record S. 35° W.)

Corner falls on a gradual north slope among scattering juniper.

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N. 0° 00.7' W., beginning new measurement.

- 40.118** The corner of sections 19, 20, 29, and 30, monumented with an iron post, 2 inches diameter, firmly set, projecting 5 inches above the ground, with the brass cap marked as described in the official record of the survey executed by F.T. Roberts in 1909.

Raise a mound of stone, 3 ft. by 3 ft. base by 3 ft. high, west of the iron post.

Set a steel fence post, 1 ft. south of the iron post.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

## CHAINS

Corner falls within a utility corridor cleared of vegetation.

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N. 89° 59.5' E., between sections 20 and 29.

**20.011** Point for the W 1/16 section corner of sections 20 and 29, not monumented.

**40.022** The 1/4 section corner of section 20 and 29, monumented with an iron post, 1 inch diameter, firmly set, projecting 16 inches above ground, with the brass cap marked as described in the official record of the survey executed by F.T. Roberts in 1909.

from which

A juniper 14 ins, diam., with scribe marks visible on a partially healed blaze bears, N. 25° E., 18 links distance.  
(Record N. 23° E., 24 links)

A juniper 14 ins. diam., with scribe marks visible on a partially healed blaze bears, S. 25° W., 17 links distance. (Record S. 23°30' W., 27 links)

Raise a mound of stone, 4 ft. by 3 ft. base around the iron post to top of brass cap.

Set a steel fence post 1 ft. north of the iron post.

Corner falls on a west facing slope.

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N. 89° 57.1' E., beginning new measurement.

**19.987** Point for the E 1/16 section corner of sections 20 and 29, not monumented

**37.146** The closing corner of sections 20 and 29, at intersection with the west boundary of section 28, at the center of a large scattered mound of stone. The original 2 inch diameter GLO iron post with brass cap was found lying loose down the slope at approximately S. 30° W., 10 feet distance. The monument had apparently been pulled and thrown aside.

from which

A piñon, 16 ins. diam., with a limb, 6 ins. diam., scribed S R15W S20 BT, bears N. 33°30' W., 44 links distance.

At the corner point

Set an aluminum post 30 inches long, 2 1/2 inches diameter, 18 inches in the ground, in a mound of stone 4 ft. by 4 ft. base to top of the aluminum cap marked:



DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

## CHAINS

T36SR15W  
 $\frac{S20 \ C}{S29 \ C}$   
 2004

Corner falls on a steep rocky south slope among piñon and juniper growth.

The original GLO iron post monument was removed from the project area.

From the corner of sections 19, 20, 29, and 30.

N. 89° 58.3' W., between sections 19 and 30.

- 40.130** The 1/4 section corner of sections 19 and 30, monumented with an iron post 1 inch diameter, firmly set, projecting 16 inches above the ground, with the brass cap marked as described in the official record of the survey executed by F.T. Roberts in 1909.

Corner falls at the corner of old fences projecting east, west, and south.

N. 89° 57.1' W., beginning new measurement.

- 20.013** Point for the W 1/16 section corner of sections 19 and 30, not monumented.

- 52.244** Point for the closing corner of sections 19 and 30, at intersection with the east boundary of section 24, T. 36 S., R. 16 W., and at record distance from the corner of sections 13 and 24 only, T. 36 S., R. 16 W., hereinbefore described.

Set a stainless steel post 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with the brass cap marked:

T36S  
 $\frac{R16W \ R15W}{C \ S19}$   
 $\frac{C \ S30}{2004}$

Deposited a magnet enclosed in an orange plastic case at the base of the stainless steel post.

Corner falls in a fence line, bears north and south on flat sandy ground.

From the corner of sections 19, 20, 29 and 30.

N. 0° 01.6' E., between sections 19 and 20.

- 20.067** Point for the S 1/16 section corner of sections 19 and 20.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

## CHAINS

Set an aluminum post 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with the aluminum cap marked:

S 1/16  
S19|S20  
2004

Deposited a magnet enclosed in an orange plastic case at the base of the aluminum post.

Corner falls on the north edge of a dirt track road 12 feet wide, bears N. 60° E., and S. 60° W.

From this corner, the corner of fences, projecting south and east bears, S. 7° W., 28 feet distance

**40.134** Point for the 1/4 section corner of sections 19 and 20, at proportionate distance. No remaining evidence of the original corner was found. The corner point falls within cultivated land not suitable for permanent monumentation and therefore not monumented.

**80.268** The corner of sections 17, 18, 19, and 20, monumented with an iron post, 2 inches diameter, twisted and bent over at a 90 degree angle to the west set 18 inches below the surface of a paved road. Directly over the top of the iron post found a rebar 1/2 inch diameter set 8 inches below the road surface.

Due to the condition of the original G.L.O. corner, apparently having been disturbed during road grading, it was determined necessary to re-monument the corner point.

At the corner point

Set an aluminum post 30 inches long, 2 1/2 inches diameter, 10 inches below the road surface with the aluminum cap marked:

T36SR15W  
S18|S17  
S19|S20  
2004

Deposited the rebar inside the aluminum post.

Deposited a magnet enclosed in a clear plastic case at the base of the aluminum post.

Corner falls within the paved road 8.5 feet north of the south edge, 26 feet wide, bears east and west.

Note: The original iron post monument was left at the base of the aluminum post.

THE SUBDIVISION OF SECTION 20  
TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

## CHAINS

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The Subdivision of Section 20,  
T. 36 S., R. 15 W., Salt Lake Meridian, Utah

---

From the 1/4 section corner of sections 20 and 29.

N. 0° 03.4' E., on the N - S centerline of section 20.

**20.052** Point for the center S 1/16 section corner of section 20.

Set an aluminum post 30 inches long, 2 1/2 inches diameter, 22 inches in the ground with the aluminum cap marked:

C  
S 1/16 | S20  
C  
2004

Deposited a magnet enclosed in a clear plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Raise a mound of stone 3 ft. by 3 ft. base by 3 ft. high to the east of the aluminum post.

**30.078** Point for the C-N-S 1/64 section corner of section 20, not monumented

**35.091** Point for the C-N-N-S 1/256 section corner of section 20, not monumented

**40.104** Point for the center 1/4 section corner at intersection with the E - W centerline of section 20.

Set an aluminum post 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with the aluminum cap marked:

T36SR15W  
C 1/4  
S20  
2004

Deposited a magnet enclosed in an orange plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on a gradual northwest slope in cactus and sagebrush undergrowth.

THE SUBDIVISION OF SECTION 20  
TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

## CHAINS

From this corner, a rebar, 1/2 inch diameter, with a yellow plastic cap attached and marked Platt & Platt Inc. LS 164659, bears S. 18° E., 0.53 feet distance. The rebar with cap was not accepted due to an incorrect procedure used. (See note: Page No. 1).

**80.200** The 1/4 section corner of sections 17 and 20.

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From the 1/4 section corner of section 20 only.

N. 89° 58.0' W., on the E - W centerline of section 20

**16.897** Point for the center E 1/16 section corner of section 20

Set an aluminum post 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with the aluminum cap marked:

E 1/16  
C—C  
S20  
2004

Deposited a magnet enclosed in a clear plastic case at the base of the aluminum post.

Raise a mound of stone, 3 ft. by 3 ft. base by 2 ft. high, east of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on a gradual west slope among scattering juniper and piñon with sagebrush undergrowth.

**36.954** The center 1/4 section corner of section 20.

**41.959** Point for the C-E-E-W 1/256 section corner of section 20.

Set an aluminum post 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with the aluminum cap marked:

C-E-E-W  
1/256  
S20  
2004

Deposited a magnet enclosed in an orange plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls 11 feet east of the east edge of the road from Newcastle to Enterprise, 28 feet wide, bears N. 36° E. and S. 36° W.

From this corner, a rebar, 1/2 inch diameter, with a yellow plastic cap attached and marked Platt & Platt Inc. LS 164659,

THE SUBDIVISION OF SECTION 20  
TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

## CHAINS

bears S. 17° E., 0.35 feet distance. The rebar with cap was not accepted due to an incorrect procedure used. (See note: Page No. 1).

- 46.964** Point for the C-E-W 1/64 section corner of section 20, not monumented.
- 56.974** Point for the center W 1/16 section corner of section 20, not monumented.
- 76.994** The point for the 1/4 section corner of sections 19 and 20.

From the point for the E 1/16 section corner of sections 20 and 29.

N. 0° 09.4' E., on the N - S centerline of the SE 1/4 of section 20.

- 20.038** Point for the SE 1/16 section corner at intersection with the E - W centerline of the SE 1/4 of section 20.

Set an aluminum post 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with the aluminum cap marked:

SE 1/16  
S20  
2004

Deposited a magnet enclosed in an orange plastic case at the base of the aluminum post.

Raise a mound of stone, 3 ft. by 2 ft. base by 1 ft. high, west of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on a steep southwest shale slope.

- 40.076** The center E 1/16 section corner of section 20.

From the point for the S 1/16 section corner of section 20 only.

S. 89° 59.5' W., on the E - W centerline of the SE 1/4 of section 20.

- 17.029** The SE 1/16 section corner of section 20.

- 37.051** The center S 1/16 section corner of section 20.

From the point for the W 1/16 section corner of sections 20 and 29.

N. 0° 02.5' E., on the N - S centerline of the SW 1/4 of section 20.

THE SUBDIVISION OF SECTION 20  
TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

## CHAINS

- 20.060 Point for the SW 1/16 section corner at intersection with the E - W centerline of the SW 1/4 of section 20.

Set an aluminum post 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with the aluminum cap marked:

SW 1/16  
S20  
2004

Raise a mound of stone, 3 ft. by 2 ft. base by 1 ft. high, west of the aluminum post. Set a steel fence post alongside the aluminum post.

Corner falls within a utility corridor, cleared of vegetation, 100 feet wide, bears N. 35° E., and S. 35° W.

- 30.090 Point for the C-N-SW 1/64 section corner of section 20, not monumented.

- 35.105 Point for C-N-N-SW 1/256 section corner of section 20.

Set an aluminum post 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with the aluminum cap marked:

C-N-N-SW  
1/256  
S20  
2004

Deposited a magnet enclosed in an orange plastic case at the base of the aluminum post.

Corner falls in a fence, bears north and south.

From this corner, a rebar, 1/2 inch diameter, with a yellow plastic cap attached and marked Platt & Platt Inc. LS 164659, bears South, 0.20 feet distance. The rebar with cap was not accepted due to an incorrect procedure used. (See note: Page No. 1).

- 40.120 The point for the center W 1/16 section corner of section 20.
- 

From the center S 1/16 section corner of section 20.

N. 89° 59.3' W., on the E - W centerline of the SW 1/4 of section 20.

- 10.008 Point for the C-E-SW 1/64 section corner of section 20, not monumented.

- 20.016 The SW 1/16 section corner of section 20.

- 40.032 The S 1/16 section corner of sections 19 and 20.
-

THE SUBDIVISION OF SECTION 20  
TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

## CHAINS

From the point for the C-E-SW 1/64 section corner of section 20.

N. 0° 02.9' E., on the N - S centerline of the NE 1/4 of the SW 1/4 of section 20.

**10.028** Point for the NE-SW 1/64 section corner at intersection with the E - W centerline of the NE 1/4 of the SW 1/4 of section 20, not monumented.

**15.042** Point for the C-N-NE-SW 1/256 section corner of section 20, not monumented.

**20.056** The point for the C-E-W 1/64 section corner of section 20.

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From the point for the C-N-S 1/64 section corner of section 20.

N. 89° 58.6' W., on the E - W centerline of the NE 1/4 of the SW 1/4 of section 20.

**5.004** Point for the C-E-NE-SW 1/256 section corner of section 20, not monumented.

**10.008** The point for the NE-SW 1/64 section corner of section 20.

**20.016** The point for the C-N-SW 1/64 section corner of section 20.

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From the point for the C-E-NE-SW 1/256 section corner of section 20.

N. 0° 03.2' E., on the N - S centerline of the NE 1/4 of the SW 1/4 of section 20.

**5.014** Point for the NE-NE-SW 1/256 section corner of section 20.

Set an aluminum post 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with the aluminum cap marked:

NE-NE-SW  
1/256  
S20  
2004

Deposited a magnet enclosed in an orange plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on flat ground under a transmission line.

From this corner, a rebar, 1/2 inch diameter, with a yellow plastic cap attached and marked Platt & Platt Inc. LS 164659, bears S. 10° E., 0.30 feet distance. The rebar with cap was not

THE SUBDIVISION OF SECTION 20  
TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

## CHAINS

accepted due to an incorrect procedure used. (See note: Page No.1).

10.028 The C-E-E-W 1/256 section corner of section 20.

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From the point for the C-N-N-S 1/256 section corner of section 20.

N. 89° 58.3' W., on the E - W centerline of the NE 1/4 of the NE 1/4 of the SW 1/4 of section 20.

5.005 The NE-NE-SW 1/256 section corner of section 20.

10.010 The point for the C-N-NE-SW 1/256 section corner of section 20.

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From the point for the C-N-NE-SW 1/256 section corner of section 20.

N. 89° 58.3' W., on the E - W centerline of the NW 1/4 of the NE 1/4 of the SW 1/4 of section 20.

10.010 The C-N-N-SW 1/256 section corner of section 20.

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The Subdivision of Section 30,  
T. 36 S., R. 15 W., Salt Lake Meridian, Utah

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From the 1/4 section corner of sections 30 and 31.

N. 0° 08.1' W., on the N - S centerline of section 30.

20.062 Point for the center S 1/16 section corner of section 30, not monumented.

40.124 Point for the center 1/4 section corner at intersection with the E - W centerline of section 30.

Set an aluminum post 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with the aluminum cap marked:

T36SR15W  
C 1/4  
S30  
2004

Deposited a magnet enclosed in an orange plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on flat ground under transmission lines, 20 feet west of a utility corridor cleared of vegetation.



THE SUBDIVISION OF SECTION 30,  
TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

## CHAINS

60.175 Point for the center N 1/16 section corner of section 30.

Set an aluminum post 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with the aluminum cap marked:

C  
N 1/16 | S30  
C  
2004

Deposited a magnet enclosed in an orange plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on flat ground.

From this corner, the corner of fences, projecting north, south and west, bears N. 39° W., 5 feet distance.

80.226 The 1/4 section corner of sections 19 and 30.

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From the 1/4 section corner of sections 29 and 30.

N. 89° 56.9' W., on the E - W centerline of section 30.

40.048 The center 1/4 section corner of section 30.

60.065 Point for the center W 1/16 section corner of section 30.

Set an aluminum post 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with the aluminum cap marked:

W 1/16  
C — C  
S30  
2004

Deposited a magnet enclosed in an orange plastic case at the base of the aluminum post.

Set a cedar post 6 inches diameter, 5 feet long, alongside the aluminum post.

Corner falls on flat ground.

From this corner, the corner of fences, projecting north, and west bears N. 47° W., 7 feet distance.

80.082 Point for the center 80 1/16 section corner of section 30.

Set aluminum post 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

THE SUBDIVISION OF SECTION 30,  
TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

## CHAINS

80 1/16  
C — C  
S30  
2004

Deposited a magnet enclosed in an orange plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on flat open ground.

From this corner, the corner of fences, projecting south and east bears N. 67° E., 4.5 feet distance.

- 92.452** The 1/4 section corner of section 30 only, on the west boundary of the township, hereinbefore described.

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From the 80 1/16 section corner of sections 30 and 31.

N. 0° 08.2' W., on the N - S 80 1/16 section line of the SW 1/4 of section 30.

- 20.052** The point for the S 80 1/16 section corner of section 30.

Set aluminum post 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

1/16  
S — 80  
S30  
2004

Deposited a magnet enclosed in an orange plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on flat open ground.

From this corner, the corner of fences projecting, north and southwest bears N. 1° E., 90 feet distance.

- 40.104** The center 80 1/16 section corner of section 30.

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From the point for the center S 1/16 section corner of section 30.

N. 89° 56.0' W., on the E - W centerline of the SW 1/4 of section 30.

- 40.033** The S 80 1/16 section corner of section 30.

- 52.483** The S 1/16 section corner of section 30 only on the west boundary of the township, hereinbefore described.

THE SUBDIVISION OF SECTION 30,  
TOWNSHIP 36 SOUTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

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From the center W 1/16 section corner of section 30.

N. 0° 07.9' W., on the N - S centerline of the NW 1/4 of section 30.

**20.050** Point for the NW 1/16 section corner of section 30.

Set an aluminum post 30 inches long, 2 1/2 inches diameter, 24 inches in the ground with the aluminum cap marked:

NW 1/16  
S30  
2004

Deposited a magnet enclosed in an orange plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on flat ground.

**40.100** The point for the W 1/16 section corner of sections 19 and 30.

---

From the center N 1/16 section corner of section 30.

N. 89° 57.0' W., on the E - W centerline of the NW 1/4 of section 30.

**20.015** The NW 1/16 section corner of section 30.

**52.325** The point for the N 1/16 section corner of section 30 only on the west boundary of the township, hereinbefore described.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**FIELD ASSISTANTS**

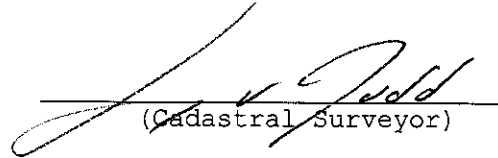
Name	Capacity
Jeremy Davis Tyler Trujillo	Survey Technician Survey Technician

### CERTIFICATE OF SURVEY

I, **Larry V. Judd, Cadastral Surveyor**, hereby certify upon honor that, in pursuance of special instructions bearing the date of the **15th day of March, 2004**, I have **executed a dependent resurvey of a portion of the west boundary (Pine Valley Guide Meridian) a portion of the subdivisional lines, and the subdivision of sections 20 and 30, in Township 36 South, Range 15 West,**

of the **Salt Lake Meridian**, in the State of **Utah**, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

1/03/2007  
Date

  
(Cadastral Surveyor)

### CERTIFICATE OF APPROVAL

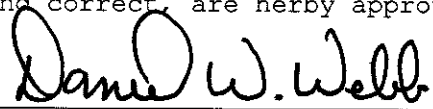
BUREAU OF LAND MANAGEMENT  
Salt Lake City, Utah

The foregoing field notes of the **dependent resurvey of a portion of the west boundary (Pine Valley Guide Meridian), a portion of the subdivisional lines, and the subdivision of sections 20 and 30, in Township 36 South, Range 15 West, Salt Lake Meridian, Utah,**

executed by **Larry V. Judd, Cadastral Surveyor**

having been critically examined and found correct, are hereby approved.

May 23, 2007  
Date

  
(Chief Cadastral Surveyor for Utah)